

In the claims:

Please amend the claims as indicated herein. This listing of claims will replace all previous listings.

Claims 1-22 (Cancelled).

23. (Currently Amended) A method for preserving a wood product comprising the step of contacting the product with a wood preservative composition comprising: (a) ~~an~~ **micronized particles of an** inorganic biocide selected from the group consisting of a metal, metal compound and combinations thereof; and (b) one or more organic biocides, ~~wherein the inorganic biocide or the organic biocide is present as micronized particles.~~

24. (Previously Presented) The method of claim 23, further comprising the step of pressure treating the wood product with the wood preservative composition.

25. (Currently Amended) The method of claim 23, wherein **the wood preservative composition comprises both the inorganic biocide and micronized particles of** the organic biocide ~~are present as micronized particles.~~

26. (Currently Amended) The method of claim 23, wherein the **micronized particles of the** inorganic biocide ~~is~~ **are** copper, nickel, silver, **or** zinc **or** ~~and~~ compounds thereof.

27. (Currently Amended) The method of claim 26, wherein the copper compound is ~~selected from the group consisting of~~ copper hydroxide, copper oxide, copper carbonate, basic copper carbonate, copper oxychloride, ~~copper 8-hydroxyquinolate, copper dimethyldithiocarbamate, copper omadine and~~ **or** copper borate.

28. (Currently Amended) The method of claim 23, wherein the **micronized particles of the** inorganic biocide **are** ~~is~~ copper carbonate or copper hydroxide and the organic biocide is a quaternary ammonium compound selected from the group consisting of

alkyldimethylbenzylammonium chloride, dimethyldidecylammonium chloride, ~~and~~ dimethyldidecylammonium carbonate, and dimethyldidecylammonium bicarbonate.

29. (Currently Amended) The method of claim 28, wherein the micronized particles of the inorganic biocide are is copper carbonate and the organic biocide is dimethyldidecylammonium carbonate.

30. (Currently Amended) The method of claim 29, wherein ~~the size of the~~ micronized particles of the copper carbonate ~~particles is~~ are between 0.005 and 25 microns.

31. (Currently Amended) The method of claim 23, wherein the micronized particles of the inorganic biocide ~~is~~ are copper carbonate and the organic biocide is tebuconazole.

Claims 32-33 (Cancelled).

34. (Previously Presented) The method of claim 23, wherein the wood preservative composition for treating wood further comprises an agent selected from the group consisting of water repellants, colorants, emulsifying agents, dispersants, stabilizers and UV inhibitors.

Claims 35-37. (Cancelled)

38. (Currently Amended) A method for wood preservation comprising the steps of treating wood with a composition comprising micronized particles of an inorganic biocide selected from the group consisting of a metal, or metal compounds or ~~and~~ combinations thereof, ~~wherein the size of the micronized particles is~~ between 0.005 and 25 microns.

39. (Currently Amended) The method of claim 38, wherein the micronized particles of the metal or metal compounds comprise ~~are selected from the group consisting of~~ copper, nickel, silver, or zinc or ~~and~~ compounds thereof.

40. (Currently Amended) The method of claim 38, wherein the micronized particles of the ~~comprise~~ metal or metal compounds comprise ~~selected from the group consisting of~~ copper, copper hydroxide, copper oxide copper carbonate, basic copper carbonate, copper oxychloride,

~~copper 8-hydroxyquinolate, copper dimethyldithiocarbamate, copper emadine, or~~ copper borate
and or combinations thereof.

41. (Currently Amended) The method of claim 40, wherein the micronized ~~particle~~ **particles are**
size is between 0.005 and 10 microns.

42. (Currently Amended) The method of claim 41, wherein the micronized ~~particle~~ **particles are**
size is between 0.05 and 1.0 microns.

43. (Original) The method of claim 40, wherein the treatment of wood is carried out by a process
selected from the group consisting of pressure treatment, spraying, dipping and brushing.

44. (Original) The method of claim 43, wherein the treatment of wood is carried out by pressure
treatment.

45. (Previously Presented) The method of claim 38 wherein the wood is treated with a wood
preservative composition further comprising an agent selected from the group consisting of water
repellants, colorants, emulsifying agents, dispersants, stabilizers and UV inhibitors.

Claims 46-56. (Cancelled).

57. (Currently Amended) The method of claim 23, wherein the **micronized particles of the**
inorganic biocide **are** is copper carbonate hydroxide and the organic biocide is a compound
~~selected from the group consisting of~~ **a fungicide, insecticide, algacide, moldicide or**
bactericide ~~the compounds in Table 1.~~

Claims 58-95 (Cancelled).

96. (Currently Amended) The method of claim 23, wherein the micronized particles **of the**
inorganic biocide have a size of between 0.001 microns to 25 microns.

97. (Currently Amended) The method of claim 96, wherein the micronized particles **of the**
inorganic biocide have a size of between 0.001 microns to 10 microns.

98. (Currently Amended) The method of claim 97, wherein the micronized particles of the inorganic biocide have a size of between 0.05 microns to 10 microns.

99. (Currently Amended) The method of claim 98, wherein the micronized particles of the inorganic biocide have a size of between 0.05 microns to 1.0 microns.

100. (Currently Amended) The method of claim 28, wherein the micronized particles of the inorganic biocide is copper carbonate and the organic biocide is dimethyldidecylammonium bicarbonate.

101. (Currently Amended) The method of claim 30, wherein ~~the size of the~~ micronized copper carbonate particles are ~~is~~ between 0.05 and 25 microns.

102. (Currently Amended) The method of claim 101, wherein ~~the size of the~~ micronized copper carbonate particles are ~~is~~ between 0.05 and 10 microns.

103. (Currently Amended) The method of claim 102, wherein ~~the size of the~~ micronized copper carbonate particles are ~~is~~ between 0.05 and 1 microns.

104. (Currently Amended) The method for wood preservation of claim 38 ~~comprising the steps of treating wood with a composition comprising~~ micronized particles selected from the group consisting of metal, metal compounds and combinations thereof, wherein the size of the micronized particles of the metal or metal compound are is between 0.05 and 10 microns.

105. (Currently Amended) The method for wood preservation of claim 104 ~~comprising the steps of treating wood with a composition comprising~~ micronized particles selected from the group consisting of metal, metal compounds and combinations thereof, wherein the size of the micronized particles of the metal or metal compound are ~~is~~ between 0.05 and 1 microns.

106. (New) A method for preserving a wood product comprising the steps of (a) adding water to a concentrated wood preservative composition comprising a copper carbonate between 0.005 and 25 microns to prepare a treating fluid and (b) pressure treating a wood product with the treating fluid.

107. (New) The method of claim 106, wherein the wood preservative composition further comprises tebuconazole.

108. (New) The method of claim 107, wherein the micronized copper carbonate particles are between 0.05 and 1 microns.

109. (New) The method of claim 106, wherein the micronized copper carbonate particles are between 0.05 and 10 microns.

110. (New) The method of claim 106, wherein the micronized copper carbonate particles are between 0.05 and 1 microns.

111. (New) The method of claim 106, wherein the wood preservative composition further comprises a quaternary ammonium compound.

112. (New) The method of claim 111, wherein the quaternary ammonium compound is didecyldimethyl ammonium carbonate.

113. (New) The method of claim 111, wherein the quaternary ammonium compound is didecyldimethyl ammonium bicarbonate.

114. (New) The method of claim 111, wherein the quaternary ammonium compound is alkyl dimethyl benzyl ammonium chloride, dimethyldidecyl ammonium chloride, dimethyldidecyl ammonium carbonate, or dimethyldidecyl ammonium bicarbonate.

115. (New) The method of claim 111, wherein said treatment produces a uniform distribution of copper throughout the wood product.

116. (New) A method for preserving a wood product comprising the steps of contacting a wood preservative composition comprising a milled copper carbonate with a particle size of between 0.005 and 25 microns.

117. (New) The method of claim 116, further comprising tebuconazole.

118. (New) The method of claim 116, wherein the wood preservative composition further comprising a quaternary ammonium compound.
119. (New) The method of claim 116, wherein the wood preservative composition further comprising didecyldimethyl ammonium carbonate.
120. (New) The method of claim 116, wherein the wood preservative composition further comprising didecyldimethyl ammonium bicarbonate.
121. (New) The method of claim 118, wherein the quaternary ammonium compound is alkyldimethylbenzylammonium chloride, dimethyldidecylammonium chloride, dimethyldidecylammonium carbonate, or dimethyldidecylammonium bicarbonate.
122. (New) The method of claim 116, wherein said treatment produces a uniform distribution of copper throughout the wood product.
123. (New) A method for preserving a wood product comprising the step of contacting the product with a wood preservative composition comprising: (a) an inorganic biocide selected from the group consisting of a metal, metal compound and combinations thereof; and (b) micronized particles of one or more organic biocides.
124. (New) The method of claim 123, wherein the inorganic biocide is selected from the group consisting of copper nitrate, copper sulfate and copper acetate.
125. (New) A method for preserving a wood product comprising the step of contacting the product with an aqueous wood preservative composition comprising: (a) micronized particles of

copper carbonate between 0.05 and 1 microns; (b) dimethyldidecylammonium carbonate; and (c) dimethyldidecylammonium bicarbonate.

126. (New) The method of claim 125, wherein said treatment produces a uniform distribution of copper throughout the wood product.

127. (New) The method of claim 125, wherein the wood product after the contacting step is resistant to decay and insect attack.

128. (New) The method of claim 126, wherein the wood product after the contacting step is resistant to decay and insect attack.

129. (New) A method for preserving a wood product comprising the step of contacting the product with an aqueous wood preservative composition comprising: (a) micronized particles of copper carbonate milled to between 0.05 and 1 microns; (b) dimethyldidecylammonium carbonate; and (c) dimethyldidecylammonium bicarbonate.

130. (New) The method of claim 129, wherein said treatment produces a uniform distribution of copper throughout the wood product.

131. (New) The method of claim 129, wherein the wood product after the contacting step is resistant to decay and insect attack.

132. (New) The method of claim 130, wherein the wood product after the contacting step is resistant to decay and insect attack.

133. (New) A method for preserving a wood product comprising the step of contacting the

product with an aqueous wood preservative composition comprising: (a) micronized particles of copper carbonate milled to between 0.05 and 1 microns.

134. (New) The method of claim 133, wherein said treatment produces a uniform distribution of copper throughout the wood product.

135. (New) The method of claim 133, wherein the wood product after the contacting step is resistant to decay and insect attack.

136. (New) The method of claim 134, wherein the wood product after the contacting step is resistant to decay and insect attack.

137. (New) A method for preserving a wood product comprising the step of contacting the product with an aqueous wood preservative composition comprising: (a) micronized particles of copper carbonate between 0.05 and 1 microns; and (b) tebuconazole.

138. (New) The method of claim 137, wherein said treatment produces a uniform distribution of copper throughout the wood product.

139. (New) The method of claim 137, wherein the wood product after the contacting step is resistant to decay and insect attack.

140. (New) The method of claim 138, wherein the wood product after the contacting step is resistant to decay and insect attack.

141. (New) A method for preserving a wood product comprising the step of contacting the product with an aqueous wood preservative composition comprising: (a) micronized particles of

copper carbonate milled to between 0.05 and 1 microns; and (b) tebuconazole.

142. (New) The method of claim 141, wherein said treatment produces a uniform distribution of copper throughout the wood product.

143. (New) The method of claim 141, wherein the wood product after the contacting step is resistant to decay and insect attack.

144. (New) The method of claim 142, wherein the wood product after the contacting step is resistant to decay and insect attack.